BHRUHATH BANGALORE MAHANAGARA PALIKE

Detailed estimate for the work of :-Construction of BangaloreOne Centre building coffeboard layout in ward no.7 Byatarayanapura

Est cost :15.00 Lakhs

Sl. No.	Items	No.	Measurements L	B	D	Qty.	Rate	Unit	Amount
1	Earth work excavation for foundation of building water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of colds complete as per specifications.(Page No.5, Item No. 2.3)								
	Basic rate	=	189.00						
	8% area weightage	=	15.12						
	Total	=	204.12						
	Column footing	10	1.50	1.50	1.80	40.50			
	All round(11.8+5.8)2=35.2	1	35.20	0.75	0.75	19.80			
	Centre wall5.8-0.75=5.05	1	5.05	0.75	0.75	2.84			
	s/c wall 2.2-0.75=1.45	1	1.45	0.75	0.75	0.82			
	Sanitary line	1	25.00	0.60	1.20	18.00			
	Water line	1	20.00	0.60	1.20	14.40			
	Sump	1	2.50	2.50	1.80	11.25			
						107.61	204.12	Cum	21965.00
2	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms . Thick, well compacted in foundation and plinth, includign cost of all materials, labour, HOM of machinery curing complete as per specifications (Page No. 12, Item NO. 4.3)								
	BR	=	4867.00						
	8% area weightage		389.36						
	Total	=	5256.36						
	Column footing	10	1.50	1.50	0.15	3.38			
	All round(11.8+5.8)2=35.2	1	35.20	0.75	0.15	3.96			
	Centre wall5.8-0.75=5.05	1	5.05	0.75	0.15	0.57			
	s/c wall 2.2-0.75=1.45	1	1.45	0.75	0.15	0.16			
	Sump	1	2.50	2.50	0.15	0.94			
	For flooring hall	1	9.40	5.60	0.15	7.90			
	Toilet	1	2.00	1.70	0.15	0.51			
	S/C	1	2.00	3.70	0.15	1.11			
						18.52	5256.36	Cum	97347.00
3	Providing and constructing granite /trap/ baslat size stone masonry in foundation with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications (Page No. 23, Item No. 5.6)								
	BR	=	4187.00						
	8% area weightage		334.96						
	Total	=	4521.96						
	All round	1	35.20	0.60	0.60	12.67			
	Centre wall	1	5.20	0.60	0.60	1.87			
		1	1.60	0.60	0.60	0.58			
						15.12	4521.96	Cum	68373.00
4	Providing and onstructing granite /trap/ baslat size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications (Page No. 23, Item No. 5.9)								
	BR	=	5005.00						
	8% area weightage		400.4						

	Total	=	5405.40						
	All round	1	35.20	0.45	0.40	6.34			
	Centre wall	1	5.35	0.45	0.40	0.96			
		1	1.75	0.45	0.40	0.32			
						7.61	5405.4	Cum	41157.00
5	Providing ruled pointing to coursed stone masonry with cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, labour, curing complete as per specifications (Page NO. 120, Item No. 15.3)								
	BR	=	66.30						
	6% area weightage		3.97						
	Total	=	70.27						
		1	36.00		0.40	14.40			
					Total	14.40	70.27	Sqm	1012.00
6	Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal machine mixed concrete liad in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery, curing complete as per specifications (Page No. 12, Item No. 4.6)								
	BR	=	5441.00						
	8% area weightage		435.28						
	Total	=	5876.28						
						0.00	5876.28	Cum	0.00
7	Filling avaialble excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification (Page No.6, Item No. 2.10)								
	BR	=	127.00						
	8% area weightage		10.16						
	Total	=	137.16						
	Qty vide item no.1					107.61	137.16	Cum	14760.00
8	Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 20mm (M20) and down size graded granite machine mixed , concrte laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case, lintels retaining walls,return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, bustress, string or lacing courses, parapets, coping bed blocks, anchors blocks, plain windows cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specifications (Page No. 13, Item No. 4.11)								
	BR	=	6011.00						
	8% area weightage		480.88						
	Total	=	6491.88						
	For Column footing	10	**1.50**	1.50	0.45	10.13			
	For Column up to Plinth	10	**0.20**	0.60	1.60	1.92			
	Column from plinth beam upto ground floor roof level	10	**0.20**	0.60	2.70	3.24			
	Column above Gf Roof up to parapet ht	10	**0.20**	0.60	0.90	1.08			
	Plinth beam	1	**52.20**	0.20	0.20	2.09			
	RCC lintle Ground F	1	**40.80**	0.20	0.15	1.22			
	RCC beam for ground floor roof	1	**52.20**	0.20	0.30	3.13			
	RCC roof	1	**12.00**	7.00	0.12	10.08			
	For sum roof	1	**2.50**	2.50	0.12	0.75			
					Total:	33.64	5142.06	Cum	172974.0

9	Providing and laying in position reinforced cement concrete 1:1.5:3 (M20) with 12mm and down size graded metal, machine mixed, well compacted for plain chejja of 7.5cms. Average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery specification (Page NO. 15, Item No. 4.19)								
	BR	=	355.00						
	8% area weightage		28.40						
	Total	=	383.40						
	chejja	5	1.80	0.60		5.40			
		1	1.20	0.60		0.72			
						6.12	383.40	Sqm	2347.00
10	Providing and fabricating TMT . Steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking,placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design(laps and wasteage shall not measured and paid) cost of materials. labour. HOM of machinery complete as per specifications (Page NO. 17, Itm. NO. 4.46.2)								
	BR	=	60607.00						
	8% area weightage		4848.56						
	Total	=	65455.56						
	Consider 0.1 MT per cum of concrete					3.36	65455.56	Tonne	219931.00
11	Providing and removing centering shuttering strutting propping etc., and removal of form work for columns, pillars, abutments, post and struts square/ rectangular/ polygon in plan including cost of all materials labour complete as per specification (Page No.16, Item No. 4.32								
	BR	=	366.00						
	8% area weightage		29.28						
	Total	=	395.28						
	For Column	10	**1.60**		5.20	83.20			
						83.20	395.28	Sqm	32888.00
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs,landing, balconies and likes thickness upto 200mm including cost of materials, labour complete as per specification (Page No. 15, Item No. 4.29.2)								
	BR	=	550.00						
	8% area weightage		44.00						
	Total	=	594.00						
	Plinth beam	2	**52.20**		0.20	20.88			
	RCC lintle Ground F	2	**40.80**		0.15	12.24			
	RCC beam for ground floor roof	2	**52.20**		0.30	31.32			
	RCC roof	1	**12.00**	7.00		84.00			
	For sum roof	1	**2.50**	2.50		6.25			
	chejja	5	1.80	0.60		5.40			
		1	1.20	0.60		0.72			
	For stair case	2	3.80	1.00		7.60			
	landing	1	2.00	1.00		2.00			
						170.41	594.00	Sqm	101224.00
13	Providing and constructing pre cast concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure(Page No.25,Item No.5.27.1)								
	BR	=	937.00						

	8% area weightage		74.96						
	Total	=	1011.96						
	Ground floor								
	all round	1	35.20		2.70	95.04			
	Centre wall	1	5.60		2.70	15.12			
		1	2.00		2.70	5.40			
	For Sump	1	9.20		2.20	20.24			
	For Parapet	1	29.40		0.90	26.46			
					Total:-	162.26			
	Deduction for openings								
	Door MD	1	1.20		2.10	2.52			
		1	0.75		2.10	1.58			
	Window	4	1.50		1.20	7.20			
	Ventilator	1	0.90		0.60	0.54			
	RCC lintle Ground F	1	**40.80**		0.15	6.12			
						17.96			
	Net Qty	=	162.26	-	17.96	144.31	1011.96	Sqm	146031.00

14	Providing Honne wood frames of doors windows, clerestory windows, ventilators and other frames wrought, framed of assembled including making plaster grooves (excluding cost of materials, labour, HOM of machineries complete as per specifications (Page No.51, Item No. 9.11)								
	Total	=	80792.00						
	8% area weightage		6463.36						
	Total	=	87255.36						
	Door MD	1	7.20	0.150	0.075	0.08			
	D2	1	5.10	0.150	0.075	0.06			
						0.14	87255.36	cum	12074.00

15	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour,HOM of machineries completed as per specification (excluding cost of fixtures) Page No. 51, Item No. 9.15)								
	Total	=	4643.00						
	8% area weightage		371.44						
	Total	=	5014.44						
	Door MD	1	1.20	2.10		2.52			
						2.52	5014.44	Sqm	12637.00

16	Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 35mm. Thick with bottom and lock rail 180mm wide top rail and styles 100mm wide as per drawings and panels of 18mm thick is exteriors grade melamine impregnated prelaminations particle board colour on one sides including cost of materials, labour, HOM of machineries complete as per specifications.(excluding cost of fixtures) (Page No. 53, Item No.9.38)								
	Total	=	3358.00						
	8% area weightage		268.64						
	Total	=	3626.64						
	Door D2	1	0.75	2.10		1.58			
						1.58	3626.64	Sqm	5712.00

17	Providing and fixing M.S. grill work for windows and ventilator weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications (Page 32, Item No. 7.9)								
	Basic rate:-	78.00							
	8% area weightage	6.24							
	Total:-	84.24							
	For Windows	4	1.50	1.20		7.20			
	Ventilator	1	0.90	0.60		0.54			
						7.74			

	Consider 21 kg per one sqm	21	x	7.74	162.54	84.24	KG	13693.00
18	Providing and fixing in position anodized alluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 122.2x31.75mm with 1.2mm thick, bottom section weight of 0.695 kg per m, sides and top section of 1.3mm thick weight of 0.659 kg per m and shutter comprising top and bottom section of size 40mmx18mm , 1.25mm thick of 0.417 kg per m shutter outer side 40mmx18mm, 1.25mm thick weight of 0.417 kg per m, shutter interlock section 40mmx 26.7mm , 1.1mm thick, wieght of 0.469 kg per m the shutter mounted on nylon roller with approved quality of fixture such as alluminium tower bolts etc., and providing and fixing 5.5mm thick plain glass of shutter fitted with rubber beading alluminium section anodized 12 to 15 microns including cutting to required length, joints mitred sub dividing the frame tenonned revited in the assembled frame stiffened with end clips at corners angles							
	etc., and fixed to walls, lintles, floor beams or cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, alluminium section pre treated for removal of any rust and coated with greesy or non adhesion of motor and other sticky materials (this coating should be cleaned after installation) including cost of all materials , fixtures labour and HOM at machinary complete as per specificaions Using alluminium powdered coated to a minimum of 60-70micron with exterior durable polyester grade powder of approved quality (Page No 34. item No. 7.12.2)							
	Basic rate:-	3657.00						
	8% area Weightage:-	292.56						
	Total:-	3949.56						
	For Windows	4	1.50	1.20		7.20		
	Ventilator	1	0.90	0.60		0.54		
						7.74	3949.56	Sqm 30570.00
19	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications (page No. 113, Item No.15.15)							
	Basic rate:-	244.00						
	8% area Weightage:-	19.52						
	Total:-	263.52						
	In side plastering							
	For Ground floor	1	30.00		3.00	90.00		
		1	7.40		3.00	22.20		
						112.20		
	Deductions Door MD	0.5	1.20		2.10	1.26		
	D1	1	0.75		2.10	1.58		
	Windows	2	1.50		1.20	3.60		
	Ventilator	0.5	0.90		0.60	0.27		
						6.71		
		Net	112.20	-	6.71	**105.50**	263.52	Sqm 27801.00
20	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification (Page No. 114, Item No. 15.21)							
	Basic rate:-	193.00						
	8% area Weightage:-	15.44						
	Total:-	208.44						
	Ground floor	1	9.40	5.60		52.64		
		1	2.00	1.70		3.40		
	Stair case	2	3.80	1.00		7.60		
	Landing	1	2.00	1.00		2.00		
	Balcony	1	12.00	1.00		12.00		
	chejja	5	1.80	0.60		5.40		
		1	1.20	0.60		0.72		

						83.76	208.44	Sqm	17459.00
21	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications (Page No. 115, Item No. 15.33)								
	BR	=	25.00						
	8% area Weightage:-		2.00						
	Total	=	27.00						
	Qty vide Item no.24					105.50			
	Qty vide item no. 25					83.76			
						189.26	27.00	Sqm	5110.00
22	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (Page No.114, Item No.15.18)								
	BR	=	259.00						
	8% area Weightage:-		20.72						
	Total	=	279.72						
	Out side	2	12.00	3.90		93.60			
		2	6.00	3.90		46.80			
	Stair case	1	9.40	3.90		36.66			
	Parapet	1	26.20	0.90		23.58			
	For Sump	1	10.00	2.20		22.00			
						222.64	279.72	Sqm	62277.00
23	Providing vitirfied tiles 60x60cms of approved make shade and size for flooring laid on a bed of 12mm thick cement mortar 1:3 mix flush pointing with white cement using colour pigment, including cost of materials, labour, complete as per specifications (Page No.107, Item No.14.45)								
	BR	=	1112.00						
	8% area Weightage:-		88.96						
	Total	=	1200.96						
	Ground floor	1	9.40	5.60		52.64			
	Skirting	1	30.00	0.10		3.00			
						55.64	1200.96	Sqm	66822.00
24	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies terraces etc., consisting of following applications a) applying and grouting a slurry coat of neat cement using 2.75 kg per sqm of cement admixed with proprietary water proofing compound confirming to IS 2645 over the RCC slab after cleaning the surface before treatment b)laying cement concrete using broken brick bats 25mm to 100mmsize with 50% of cement mortar 1:5 admix with propreatory water proofing compound confirming IS 2645 over 20mm thick layer of cement mortar 1:5 admix with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs c)after two days of proper curing applying a second coat of cement slurry admix with preprietoray water proofing compound d) finishing the surface with 20mm joint less cement mortar of mix 1:4 admix with preprietary water proofing compond wall finally finishing the surface with travel and neat cement slurry and making of 300 x 300 mm square e)								
	the whole terrace so finished shall be flooded with water for a minimum period of two weeks curing and final test including cost of materials labour complete as per specifications (page No, 66, Item No. 10.2)								
	BR	=	904.00						
	8% area Weightage:-		72.32						
	Total	=	976.32						
	Weather proof course	1	9.40	6.60		62.04			
						62.04	976.32	Sqm	60571.(
25	Providing and fixing on wall surface 4.0kg?Sq.cm H.D.P.E. rain down water pipes 90mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specification (Page No. 47, Item No. 8.18)								
	Basic rate:-	428.00							

	8% area Weightage:-	34.24							
	Total:-	462.24							
		2	3.00			6.00			
						6.00	462.24	M	2774.00
26	Providing and fixing white vitreous china clay water closet European type (pedestal type , P-trap) with black solid plasit seat and lid C.P. brass hinges rubber buffers 10 litre low level P.V.C. flushing cistern (all are approved make) with fittings, C.I / M.S. brackets. 40mm diameter flush bend with fittings and clamps, overflow arrangements design, painting of fittings and brackets, cuttings and making good the wall and floor wherever required including cost of materials labour complete as per specifications (Page No. 77, Item No. 12.5)								
	Basic rate:-	5130.00							
	8% area Weightage:-	410.40							
	Total:-	5540.40							
		1				1.00	5540.40	Each	5541.00
27	Providing and fixing white vitreous china clay flat back wash basin size 630x450mm with a single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications (page No. 81, Item No. 12.24)								
	Basic rate:-	2100.00							
	8% area Weightage:-	168.00							
	Total:-	2268.00							
		1			Total:-	1.00	2268.00	Each	2268.00
28	Providing ceramic tiles of approved make shade and size for flooring, treads of steps and landing laid on a bed of 12mm thick , cement mortar 1:3 mix, flush pointing using white cement using colour pigment including cost of a materials, labour, curing, complete as per specifications Ceramic Tiles 30x30cms 6mm th.(Page No. 106, Item No.14.36.2)								
	Basic rate:-	1176.00							
	8% area Weightage:-	94.08							
	Total:-	1270.08							
	Toilet	1	2.00	1.70		3.40			
					Total:-	3.40	1270.08	Sqm	4319.00
29	Providing skirting, dado rises of steps with colour glazed tiles 30x45cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (Exclude cost of rough plastered surface which should be measured and paid separetely) using glazed tiles of approved make and size including cost of materials labour complete as per specifications (page No. 106, Item No. 14.41.3)								
	Basic rate:-	1119.00							
	8% area Weightage:-	89.52							
	Total:-	1208.52							
	Toilet	1	7.40	2.10		15.54			
						15.54	1208.52	Sqm	18781.00
30	Providing and fixing 7.5cms to 15cms dia NP grating 100mm dia (page no.88, Item No. 12.111)								
	Basic rate:-	160.00							
	8% area Weightage:-	12.80							
	Total:-	172.80		per Nos					
		2.0				2.00	172.80	Nos	346.00
31	Providing and fixing C.I. Nahani trao of approved make conforming to ISI specificatins and constructin of Cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixture and conveyance of materials to work spot) 10cms to 7.5cms Page no. 91, item No. 12.113.1)								
	Basic rate:-	220.00							
	8% area Weightage:-	17.60							
	Total:-	237.60		Each					
		4				4.00	237.60	Each	951.00

32	Providing and fixing chorinated poly venyl chloride (CPVC) pipes conforming to IS15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. this includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases & making good the same including testing of joints complete 20mm nominal OD Pipes (Page No.96, Item No. 13.86.2)								
	Basic rate:-	210.00							
	8% area Weightage:-	16.80							
	Total:-	226.80	m			50.00	226.80	M	11340.00
33	Providing and fixing in position brass stop cock of approved quality15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications (Page no. 91 Item No. 13.26)								
	Basic rate:-	161.00							
	8% area Weightage:-	12.88							
	Total:-	173.88	Each			2.00	173.88	Each	348.00
34	providing and fixing in position brass gate valve with C.I. Wheel of approved quality (Screwed end) 20mm nominal bore including cost of all materials labour and HOM of Equipments with all lead complete as per specificatins (page No.91, Item No. 13.33								
	Basic rate:-	409.00							
	8% area Weightage:-	32.72							
	Total:-	441.72	Each			3.00	441.72	Each	1326.00
35	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wal, ceiling and floor for sanitary pipe line including cost of all materials charges HOM of acquirements and testing complete as per specification 160mm dia(Page no. 88, Item No. 12.116.3)								
	Basic rate:-	830.00							
	8% area Weightage:-	66.40							
	Total:-	896.40				30	896.40	M	26892.00
	For sanitary line								
36	Providing NP/CP waste union conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete 32mm dia (Page No. 95, Item No. 13.81.1)								
	Basic rate:-	125.00							
	8% area Weightage:-	10.00							
	Total:-	135.00				4	135.00	Each	540.00
37	Construction brick masonry inspection chamber 450x450mm and 450mm depth (clear inside dimension) for single pipes line using table mouled non-modular bricks of class designation 50 in cement mortar 1:5 C.I. cover witth frame (light duty) 450x450mm (Page No. 73, Item No.11.50.2)								
	Basic rate:-	5344.00							
	8% area Weightage:-	427.52							
	Total:-	5771.52				2	5771.52	Each	11544.00
		2							
38	Providing and placing on terrace , polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications (For 1000 litre capacity) page No. 94, Item No. 13.78)								
	Basic rate:-	8467.00							
	8% area Weightage:-	677.36							
	Total:-	9144.36				1	9144.36	Nos	9145.00

39	Providing applying two coats of wall putty to inside plasterd walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specifications (Page no. 126, Item No. 15.106)								
	Basic rate:-	56.00							
	8% area Weightage:-	4.48							
	Total:-	60.48							
	Qty vide item No.26					83.76			
						83.76	60.48	Sqm	5066.00
40	Providing and applying painting two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after throughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specificationswith primer.(Page No. 117, Item No. 15.51.2)								
	Basic rate:-	90.00							
	8% area Weightage:-	7.20							
	Total:-	97.20							
	Qty vide item No.26					189.26			
						189.26	97.20	Sqm	18396.00
41	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications (Page No. 125, Item No. 15.104)								
	Basic rate:-	151.00							
	8% area Weightage:-	12.08							
	Total:-	163.08							
	Qty vide Item No.27					222.64			
						222.64	163.08	Sqm	36309.00
42	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios (Page No. 119, Item No. 15.59)								
	Basic rate:-	41.00							
	8% area Weightage:-	3.28							
	Total:-	44.28							
	Door D1	2.25	1.20	2.10		5.67			
	D2	2.25	0.75	2.10		3.54			
	For Windows grils	4	1.50	1.20		7.20			
	Ventilator grils	1	0.90	0.60		0.54			
						16.95	44.28	Sqm	751.00
43	Providing and applying painting two coats (excluding priming coat) on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (Page No.119,item No.15.60.1)								
	Basic rate:-	84.00							
	8% area Weightage:-	6.72							
	Total:-	90.72							
	Door D1	2.25	1.20	2.10		5.67			
	D2	2.25	0.75	2.10		3.54			
	For Windows grils	4	1.50	1.20		7.20			
	Ventilator grils	1	0.90	0.60		0.54			
						16.95	90.72	Sqm	1539.00
44	Supply of MONOBLOCK TYPE_MB SERIES THREE PHASE) motor 1 HP of make ATALANTA/SUGUNA/CRI/KIRLOSKAR PUMPS (Page No. XXXXV,)								
	motor pump	1				1.00	9000.00	Each	9000.00

14,01,911·00

	Electrical Items base on SR for the year 2014-15 ELECTRICAL WORKS P.W.D. BUILDING CIRCLE							
45	Lupsum Charges							82069.89
							Total:-	1483980.9
								14839.8
79	Third party inspection charges							1179.3
80	Missicellenous							1500000.00
81	**Total**							

Certificate:-

1)This is certified that the work spot comes under corporation limits only.

2)The rates are as per CSR of 2016-17 year of PWD Bangalore Circle.

3)The Provisions made in estimate are adequate and necessary.

Asst.Engineer
Ward no. 7

Asst.Exe.Engineer
Sub Divison

Exe.Engineer
Division.

Administrative Approval
Accorded For 15.00 lakhs.
Head of A/C 1771
CER NO : 98 Dt: 12.09.17

TA CE (YNK)

TECHNICAL SANCTION
Accorded For Rs. Fifteen lakhs only
Head of A/C P-1771
Div. Ref. No. 29/17-18 Date 6/10/17

AE 6/10

EE(RTP) 6/10